# Useful links

## Kubernetes

1. Kubernetes Deployment Tutorial For Beginners <https://devopscube.com/kubernetes-deployment-tutorial/>
2. How To Setup Grafana On Kubernetes <https://devopscube.com/setup-grafana-kubernetes/>
3. How to Setup Prometheus Monitoring On Kubernetes Cluster <https://devopscube.com/setup-prometheus-monitoring-on-kubernetes/>
4. How To Setup Kube State Metrics on Kubernetes <https://devopscube.com/setup-kube-state-metrics/>
5. Setting Up Alert Manager on Kubernetes – Beginners Guide <https://devopscube.com/alert-manager-kubernetes-guide/>
6. Kubernetes monitoring with Prometheus, the ultimate guide <https://sysdig.com/blog/kubernetes-monitoring-prometheus/>
7. Jenkins Integration for Grafana Cloud <https://grafana.com/docs/grafana-cloud/integrations/integrations/integration-jenkins/?pg=always-enabled-monitoring-with-loki-prometheus-and-grafana&plcmt=related-content-3>
8. Monitoring a Linux host using Prometheus and node\_exporter <https://grafana.com/docs/grafana-cloud/quickstart/noagent_linuxnode/>
9. Kubernetes <https://grafana.com/docs/grafana-cloud/kubernetes/>
10. https://kubernetes.io/docs/tasks/debug-application-cluster/\_print/
11. https://stackoverflow.com/questions/69544012/unable-to-attach-or-mount-volumes-timed-out-waiting-for-the-condition
12. https://stackoverflow.com/questions/52668938/pod-has-unbound-persistentvolumeclaims

## Jenkins installation in Kubernetes

1. How To Install Jenkins on Kubernetes <https://www.digitalocean.com/community/tutorials/how-to-install-jenkins-on-kubernetes>
2. How to Install Jenkins on Kubernetes Cluster <https://phoenixnap.com/kb/how-to-install-jenkins-kubernetes>
3. How To Install Jenkins Server on Kubernetes | OpenShift <https://computingforgeeks.com/how-to-install-jenkins-server-on-kubernetes-openshift/>
4. Install Jenkins on Kubernetes <https://linoxide.com/install-jenkins-on-kubernetes/>
5. Install on Kubernetes <https://jenkins-x.io/docs/resources/guides/managing-jx/old/install-on-cluster/>
6. Running Jenkins in Kubernetes Cluster with Persistent Volume <https://medium.com/@vishal.sharma./running-jenkins-in-kubernetes-cluster-with-persistent-volume-da6584edc126>
7. Running Jenkins Inside a Kubernetes Cluster <https://levelup.gitconnected.com/running-jenkins-inside-a-kubernetes-cluster-bd86822d487>
8. Install Jenkins on Kubernetes <https://www.jenkins.io/doc/book/installing/kubernetes/>
9. Kubernetes plugin for Jenkins <https://plugins.jenkins.io/kubernetes/>
10. Dynamic Jenkins Agent from Kubernetes <https://itnext.io/dynamic-jenkins-agent-from-kubernetes-4adb98901906>
11. How To: Kubernetes Pods as Jenkins Build Agents <https://medium.com/vivid-seats-engineering/how-to-kubernetes-pods-as-jenkins-build-agents-a726d3886861>
12. How to Set Up Jenkins on Kubernetes <https://appfleet.com/blog/how-to-set-up-jenkins-on-kubernetes/>
13. Local Jenkins Development Environment on Minikube on OSX <https://winder.ai/local-jenkins-development-environment-on-minikube-on-osx/>
14. appendix Installing Jenkins on Minikube <https://livebook.manning.com/book/microservices-in-action/appendix/1>
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16. <https://github.com/helm/charts/tree/master/stable/jenkins>
17. Deploy Jenkins with dynamic slaves on Minikube <https://itnext.io/deploy-jenkins-with-dynamic-slaves-in-minikube-8aef5404e9c1>
18. <https://github.com/lvthillo/minikube-helm-jenkins>
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25. How To Setup Jenkins On Kubernetes Cluster – Beginners Guide https://devopscube.com/setup-jenkins-on-kubernetes-cluster/
26. How to Install Jenkins on Kubernetes Cluster <https://phoenixnap.com/kb/how-to-install-jenkins-kubernetes> Working!!!!
27. How To Setup Jenkins On Kubernetes Cluster – Beginners Guide https://devopscube.com/setup-jenkins-on-kubernetes-cluster/
28. Deploying Jenkins on Kubernetes for Scalability and Fault Tolerance https://faun.pub/the-ci-octopus-extremely-scalable-jenkins-master-slaves-on-kubernetes-2607704a9513
29. How to Run Locally Built Docker Images in Kubernetes https://medium.com/swlh/how-to-run-locally-built-docker-images-in-kubernetes-b28fbc32cc1d
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34. Хранилища данных (Persistent Volumes) в Kubernetes <https://serveradmin.ru/hranilishha-dannyh-persistent-volumes-v-kubernetes/>
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## Monitoring

1. Kubernetes monitoring with prometheus

<https://acloudguru.com/hands-on-labs/kubernetes-monitoring-with-prometheus?utm_campaign=11244863417&utm_source=google&utm_medium=cpc&utm_content=469352928666&utm_term=_&adgroupid=115625160932&gclid=EAIaIQobChMIzqGCicX39AIVZoODBx1DfwA_EAAYASAAEgKYkfD_BwE>

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3. Monitoring Jenkins <https://www.jenkins.io/doc/book/system-administration/monitoring/>
4. Jenkins Events, Logs, and Metrics <https://towardsdatascience.com/jenkins-events-logs-and-metrics-7c3e8b28962b>
5. Pipeline as code <https://livebook.manning.com/book/pipeline-as-code/chapter-5/v-4/266>
6. How To Gather Infrastructure Metrics with Metricbeat on Ubuntu 18.04 <https://www.stackovercloud.com/2019/03/15/how-to-gather-infrastructure-metrics-with-metricbeat-on-ubuntu-18-04/>
7. Monitoring Jenkins with Grafana and Prometheus <https://medium.com/@eng.mohamed.m.saeed/monitoring-jenkins-with-grafana-and-prometheus-a7e037cbb376>
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9. <https://www.neotys.com/insights/performance-testing>
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11. Welcome to the k6 documentation <https://k6.io/docs/>
12. Jenkins Pipeline Unit testing framework <https://github.com/jenkinsci/JenkinsPipelineUnit>
13. Active Choices <https://plugins.jenkins.io/uno-choice/>
14. Jenkins : Dynamic Parameter Plug-in <https://wiki.jenkins.io/display/JENKINS/Dynamic+Parameter+Plug-in>
15. Jenkins:How to Achieve parallel dynamic stages in jenkins declarative pipeline <https://coderedirect.com/questions/734779/jenkinshow-to-achieve-parallel-dynamic-stages-in-jenkins-declarative-pipeline>
16. Monitoring Kubernetes with Grafana [https://go2.grafana.com/kubernetes-monitoring-grafana-cloud.html?src=ggl-s&mdm=cpc&camp=nb-kubernetes-bmm&cnt=123790598285&trm=prometheus%20kubernetes%20pod%20metrics&device=c&gclid=EAIaIQobChMIlvrVmMX59AIVkbt3Ch27qQDLEAAYASAAEgKsTPD\_BwE](https://go2.grafana.com/kubernetes-monitoring-grafana-cloud.html?src=ggl-s&mdm=cpc&camp=nb-kubernetes-bmm&cnt=123790598285&trm=prometheus kubernetes pod metrics&device=c&gclid=EAIaIQobChMIlvrVmMX59AIVkbt3Ch27qQDLEAAYASAAEgKsTPD_BwE)
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24. How to integrate Jenkins with Prometheus and Grafana on top of Amazon-EKS? https://medium.com/@shashankjoshi368/how-to-integrate-jenkins-with-prometheus-and-grafana-on-top-of-amazon-eks-c393421da9a0
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32. Monitor Kubernetes with Metricbeat https://www.elastic.co/blog/brewing-in-beats-monitor-kubernetes-with-metricbeat
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41. Setup Metricbeat on Kubernetes and config Kibana dashboard to visualize cluster data https://itnext.io/config-kibana-dashboard-to-visualize-your-kubernetes-cluster-data-20a87bd7111d
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## Minikube

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2. Deploy Prometheus & Grafana on Kubernetes Cluster <https://medium.com/@gurpreets0610/deploy-prometheus-grafana-on-kubernetes-cluster-e8395cc16f91>
3. Gathering Metrics from Kubernetes with Prometheus and Grafana <https://tanzu.vmware.com/developer/guides/observability-prometheus-grafana-p1/>
4. Prometheus and Grafana installation <https://kubernetes.github.io/ingress-nginx/user-guide/monitoring/>
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## Jenkins Performance testing

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6. K6-to-Junit-XML-Jenkins. https://github.com/devns98/K6-to-JUnit-XML-Jenkins

7. https://github.com/grafana/jslib.k6.io

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# Jenkins shared library

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